

DISTRIBUTED SYSTEM FOR PRODUCING  
HOLOGRAPHIC STEREOGRAMS ON-DEMAND  
FROM VARIOUS TYPES OF SOURCE MATERIAL

ABSTRACT OF THE DISCLOSURE

A distributed system for producing holographic stereograms (holograms). A data acquisition station is typically remote from image processing, printing, and replicating stations. The data acquisition station is designed to maximize customer convenience, and may be the customer's own personal computer. The data acquisition station is further designed to accept a wide variety of source data and to perform whatever processing is required to deliver image data to the image processing station in an acceptable format. The data acquisition station further has processing capability to display preview images, which may be assembled by programming executing at the data acquisition station or downloaded from a server.